| Form PTC |)-1449 | | | | Docket Number 485772004300 | | Application Nu | Application Number 10/028,018 | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|--------------|----------------------|-------------------------------|--|--|
| INFO | | ON DISCLO | SURE CITATION CATION | | Applicant | Mark G. ER | LANDER, et al. | | | |
| | (U. | se several sheets if | necessary) | | Filing Date December 21 | 1,2001 | Group Art Unit | Group Art Unit 1645 | | |
| | | | | | Mailing Date June 27, 2002 | | | | | |
| | OTPE | | | | <u> </u> | | REC | EIVEU | | |
| | | 8670 | | | | | | 0 8 2002 | | |
| B JU | | <u> </u> | U.S. PA | ΓEN' | T DOCUMENTS | · | JUL | Macina | | |
| Examiner Initials | Ref. | Date | Document No. | | Name | Class | Ship Glase E | Telling Date If Appropriate | | |
| MA | 1. | 01/1991 | 4,981,783 | Aug | genlicht | 435 | 6 | | | |
| TV T | 2. | 10/2001 | 10/062,857 | Erla | nder et al. | | | 10/25/01 | | |
| | 3. | 06/2001 | 60/298,847 | Erla | inder et al. | | | 06/15/01 | | |
| | 4. | 12/2000 | 60/257,801 | Erla | nder et al. | _ | | 12/22/00 | | |
| | 5. | 12/2001 | 6,328,709 | Hur | ng et al. | 604 | 74 | | | |
| | | | [| PATI | ENT DOCUMEN | ··· | T | | | |
| Examiner Initials | Ref. No. | Date | Document No. | | Country | Class | Subclass | Translation YES NO | | |
| | | | | | | <u> </u> | | | | |
| | | | OTHE | R DO | DCUMENTS | (includi | ng author, title, Da | te, Pertinent Pages, Etc.) | | |
| Examiner Initials | Ref. No. | Title | | | | | | | | |
| Milb | 6. | | al. "Distinct Types of ature 403:503-511 (20 | | fuse Large B-Cell L | ymphoma I | dentified by G | ene Expression | | |
| | 7. | Altschul, et a | al. "Basic Local Align | ımen | t Search Tool" J. M | ol. Biol. 21 | 5:403-410 (19 | 90) | | |
| | 8 | - | "Molecular Classificature 406:536-540 (20 | | of Cutaneous Mal | ignant Mela | noma by Gene | Expression | | |
| | 9. • | | "Knowledge Based . ines" Proc. Natl. Aca | • | • | _ | ssion Data by | Using Support | | |
| | 10. ` | | "Use of a cDNA Mi tics 14:457-460(1996 | | ray to Analyse Gen | e Expressio | n Patterns in I | Iuman Cancer" | | |
| | 11. 3 | - | "Support Vector Mac Expression Data" Bio | | | | f Cancer Tissu | e Samples Using | | |
| | 12. 'Garber, et al. 'Diversity of Gene Expression in Adenocarcinoma o fithe Lung' Proc. Natl. Acad. Sci. USA 98(24):13784-13789 (2001) | | | | | | | | | |
| | 13. • | | "Molecular Classification of the Molecular Classification of t | | | iscovery an | d Class Predic | tion by Gene | | |
| | 14. | Hedenfalk, et | t al. "Gene-Expressio | n Pro | ofiles in Hereditary | Breast Cand | cen" The New | England Journal | | |
| EXAMIN | IER: | 11/16 | | | DATE CONSI | DERED: | 14/04 | | | |
| EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. | | | | | | | | | | |

| | | | | | Sheet 2 of 2 | | |
|--------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------|-------------------------------------------|--|--|
| Form PTO-144 | 49 | | | Docket Number 485772004300 | Application Number 10/028,018 | | |
| | | ISCLOSURE CIT PPLICATION | TATION | Applicant Mark G. ERLANDER, et al. | | | |
| / 4 | yse severa | sheets if necessary) | | Filing Date December 21, 2001 | Group A Unit 1645 | | |
| JUL 0 1 2002 | £ 60 | | | Mailing Date June 27, 2002 | HECEIVED | | |
| | a of M | rdiaina 244(8):520 | 549 (2001) | | JUL 0 8 2002 | | |
| SUEN SAL | OI IVI | edicine 344(8):539 | -348 (2001) | · · · · · · · · · · · · · · · · · · · | SAAC | | |
| 15. | Hend Socie | erson. "Breast Can ty; pp.198-219 (19 | cer" <u>Clinical C</u> 95) | Oncology. Murphy et al. (e | ed) Atlanta EGH American Cancer 1800/2900 | | |
| 16. | | Mark, et al. "HER-2/neu Gene Amplification in Stages I-IV Breats Cancer Detected by Fluorescent In Situ Hybridization" Genetics in Medicine 1(3):98-103 (1999) | | | | | |
| 17. | | Perou, et al. "Distinctive Gene Expression Patterns in Human Mammary Epithelial Cells and Breast Cancers" Proc. Natl. Acad. Sci. USA 96:9212-9217 (1999) | | | | | |
| 18. | Perou | , et al. "Molecular | Portraits of Hu | uman Breast Tumours" Na | ture 406:747-752(2000) | | |
| 19. | · Q | , et al. "In Vivo Ge arch 59:5656-5661 | | Profile Analysis of Human | n Breast Cancer Progression" Cancer | | |
| 20. | | | | s of Breast Carcinomas Dis d. Sci. 98(19):10869-10874 | stinguish Tumor Subclasses with 4 (2001) | | |
| 21. | | | | itus of Human Breast Cand :11462-11467 (2001) | cer by Using Gene Expression | | |
| 22. | | Xiong, et al. "Biomarker Identification by Feature Wrappers" Genome Research 11:1878-1887 (2001) | | | | | |
| Yeang, et al. "Molecular Classification of Multiple Tumor Types" Bioinformatics 17(S S322 (2001) | | | | | | | |
| | | | | | | | |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (2-92) Sheet 1 of 1

Form PTO-1449 TRADEMS INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

| Docket Number 485772004300 | Application Number 10/028,018 |
|----------------------------|-------------------------------|
| Applicant | |
| Mark G. ERL | ANDER, et al. |

Group Art Unit 1645

Filing Date December 21, 2001

Mailing Date April ____, 2003

U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
|----------------------|-------------|------------|--------------|---------------|-------|----------|----------------------------|
| MMA | 1. | 11/19/2002 | 6,482,600 | Burmer et al. | 435 | 7.23 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Transl: YES | ation NO |
|----------------------|-------------|------|--------------|---------|-------|----------|----------------|-------------|
| | | | | | | | | |

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

| Examiner Initials | Ref. No. | Title | | • | | | | |
|----------------------|-------------|-------|--|-------|--|--|--|--|
| | | | | | | | | |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92) sd-140095

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (2-92) Sheet 1 of 1

SEP 0 '2 2003

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

| Docket | Number | 485772004300 |
|--------|--------|--------------|

Application Number 10/028,018

Applicant

Mark G. ERLANDER et al.

Filing Date December 21, 2001

Group Art Unit 1645

Mailing Date August 28, 2003

SEP & 4 2003

-- TH CENTER 1600/2900

U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
|----------------------|-------------|------|--------------|-----------------|-------|----------|----------------------------|
| MINDE | 1. | | 2002/0102265 | Hong et al. | | | 07/02/2001 |
| 1000 | 2. | | 2002/0044941 | Rosen et al. | - | | 08/10/2001 |
| Y | 3. | | 2003/0087270 | Schlegel et al. | | | 06/12/2002 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Transi YES | lation NO |
|-------------------|-------------|------|--------------|---------|-------|----------|---------------|--------------|
| | | | | | | | | |

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

| Examiner Initials | Ref. No. | Title |
|-------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MA | 4. | Affymetrix Product Brochure. Gene Chip Human Genome U133 Set. (2001). pp.1-7. |
| | 5. | Gruvberger, S. et al. "Estrogen Receptor Status in Breast Cancer Is Associated with Remarkable Distinct Gene Expression Patterns." Cancer Research (2001). 61(16):5979-5984. |
| | 6. | Sengar, A.S. et al. "The EH and SHE3 domain Ese proteins regulate endocytosis by linking to dynamin and EPS15." The EMBO Journal (1999) 18(5):1159-1171. |
| | 7. | Thomas, R.S. et al. "The Elf Group of ETS-Related Transcription Factors ELF3 and ELF5." Advances in Experimental Medicine and Biology. (2000) 480:123-128. |
| | 8. | Zhou, J. et. al. "A Novel Transcription Factor, ELF5, belongs to the ELF subfamily of ETS genes and Maps to Human Chromosome 11p13-15, a Region Subject to LOH and Rearrangment in Human Carcinoma Cell Lines." Oncogene. (1998). 17:2719-2732. |

EXAMINER?

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

sd- 157874PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| | | You | 鬟 | | | |
|----------|-----------------|---------|------------|------------------------|-------------------|--|
| Substitu | | | CLOSURE | | Complete if Known | |
| | | SHED | TATRI | Application Number | 10/028,018 | |
| INF | ORMATION | DIS | CLOSURE | Filing Date | December 21, 2001 | |
| | | | PPLICANT | First Named Inventor | Erlander, Mark G. | |
| _ | | | | Art Unit | 1631 | |
| | (use as many sh | eets as | necessary) | Examiner Name | Mary K. Zeman | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 022041-000600US | |
| | | | | | | |

| | | | U.S. PATENT DO | CUMENTS+ | |
|-----------------------|--------------|------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner Initials* | Cite No.1 | Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| WV/6 | AA | US-2003/0049701 A1 | 03/13/2003 | Patrick J. Muraca | |
| MA | AB | US-2001/0039015 A1 | 11/08/2001 | Edward Sauter | |
| | AC | US- | | | |
| | AD | US- | | | |
| 1 | AE | US- | | | |
| | . AF | US- | | | |
| | AG | US- | | | |
| | ÁH | US- | | | |
| | Al | US- | | | |
| | AJ | US- | | | |
| | AK | US- | | | |
| | AL | US- | | | |
| | AM | US- | | | |
| | AN | US- | | | |
| | AO | US- | | | |
| | AP | US- | | | |
| | AQ | US- | | | |
| | AR | US- | | | |
| | AS | US- | | | |
| | AT | US- | | | |

| | | | | FOREIGN PA | TENT DOCUME | ENTS | | |
|-----------------------|--------------|---------------------------|---------------------|---------------------------------------|--------------------------------|-------------------------------------------------------|----------------------------------------------------|----------------|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | | | | Nome of Datastas of | Pages, Columns, Lines, | |
| | | Country Code ³ | Number ⁴ | Kind Code* (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | AU | | | | | • | | |
| | AV | | | | | | | |
| | AW | | | | | , | | |
| | AX | | | | | | _ | |
| | AY | | | · · · · · · · · · · · · · · · · · · · | | | | |
| <u> </u> | AZ | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | BA | | | | | ······································ | | |
| | 88 | | | | | · · · · · · · · · · · · · · · · · · · | | |

| | | | $\int dA$ | |
|-----------------------|----|--------------------|-----------|--|
| Examiner Signature | MA | Date Considered | 6/4/07 | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached pled from 1002801/ on 03-03-2004 60089226 v1